

**PRELIMINARY ASSESSMENT/SITE INSPECTION REPORT  
AND SWMU ASSESSMENT REPORT**

**UNIT NUMBER:** 549

**UNIT NAME:** Dirt/Concrete Rubble Pile Near Outfall 008

**DATE:** 7/11/03

**REGULATORY STATUS:** SWMU

**LOCATION:** This SWMU contains a dirt/concrete rubble pile located on the South Bank of Kentucky Pollutant Discharge Elimination System (KPDES) Permitted Outfall 008 at the Paducah Gaseous Diffusion Plant.

**APPROXIMATE DIMENSION:** 30' x 30'

**FUNCTION:** Dirt/Concrete Rubble Pile

**BRIEF HISTORY:** It is suspected that the pile was created during the installation of the refrigerated auto-sampler project in the early 1990s.

**OPERATIONAL STATUS:** Active

**DATES OPERATED:** 1991 to present

**SITE/PROCESS DESCRIPTION:** On March 5, 2002, Agreement in Principle program personnel discovered what appeared to be an old concrete rubble pile covered in vegetation, located on the southeast corner near the intersection of Bayou Creek and Outfall 008. The rubble pile consists of three distinct mounds in a roughly L-shaped formation. The amount of vegetation present suggests legacy waste that was placed there years before.

**WASTE DESCRIPTION:** This pile consists of concrete with rubble waste. The contamination this area is fixed.

<b>WASTE QUANTITY:</b>	Unknown
<b>SUMMARY OF ENVIRONMENTAL SAMPLING DATA:</b>	On January 29, 2003, the rubble pile was scanned. The scan results indicated beta/gamma activity on 5 of the 10 rocks scanned: 755, 1299, 2387, 4713, and 17945 dpm.
<b>DESCRIPTION OF RELEASE AND MEDIA AFFECTED:</b>	N/A
<b>GROUNDWATER:</b>	N/A
<b>SURFACE WATER:</b>	N/A
<b>SOIL:</b>	N/A
<b>ECOLOGY AFFECTED:</b>	None
<b>DOCUMENTATION OF NO RELEASE:</b>	None
<b>IMPACT ON OR BY OTHER SWMU/AOC:</b>	SWMUs 63, 65, 129, and 191 are near this SWMU. There was no known evidence of any impact on or by any other SWMU.
<b>PRG COMPARISON:</b>	N/A
<b>RFI NECESSARY:</b>	This SWMU will be evaluated as part of the Surface Water Operable Unit.

NOTE: Elements included in this outline shall be considered and incorporated, as appropriate, when developing the above referenced document.



March 2003

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